United States Patent [19]

Hill

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[54] NICOTINE IMPACT MODIFICATION

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Related U.S. Application Data

[63] Continuation of Ser. No. 866,073, May 21, 1986, abandoned.

[51] Int. Cl.[4] A24D 1/00; A24F 1/00

[52] U.S. Cl. 131/271; 131/273; 546/281

[58] Field of Search 131/270-271, 131/272, 273, 335; 546/281; 514/343

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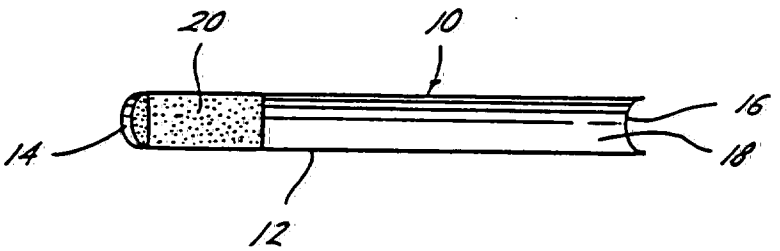
[57] ABSTRACT

Compositions comprising nicotine and a volatile nicotine-miscible substance may be used to create sources of modulated nicotine vapor. The modulation of nicotine vapor may be one of quantity or of perceived physiological impact or a combination of both. The substance should have a volatility somewhat similar to that of nicotine and have a normal boiling point between about 175° C. and about 275° C. These compositions may be placed in the nicotine reservoir of a personal oral nicotine inhaler. Esters are preferred nicotine miscible substances, particularly when substantially flavorless and generally recognized as safe for human consumption. Nicotine and nicotine-miscible substance in a weight/-weight ratio between about 0.5 and 40.0 are emplaced in a nicotine reservoir, for example absorbed in a porous polyethylene item, for insertion into the tubular passageway of a smokeless cigarette.

11 Claims, 2 Drawing Sheets



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